UTILITY PATENT APPLICATION TRANSMITTAL

(For new Non-provisional applications under 37 CFR1.53(b))

) . A 44.		Dealest No.	V62801D0411IIG							
	-	Docket No.: S ned Inventor: Ja								
		Mail Label No. E								
Ma Cor P.O	il Stop mmissi). Box	o Patent Application ioner For Patents								
Sir:										
Jos <i>Aci</i>	eph B dovord	raun III and entitled: Prime	rs and Primer Sets for Use i	inventor(s):James Cucuzza and Carl in Methods to Detect the Presence of his patent application is assigned to:						
<u>Ap</u>	plicati	ion Elements:								
1.	□	Applicant claims small entity status (See 37 CFR 1.27.)								
2.	☒	Specification containing 49 pages.								
3.		Drawings: 23 Sheets	of \square formal drawings	informal drawings						
4.	<u>⊠</u> a. b.	Oath or Declaration ☐ An executed declaration or oath for the utility patent application including a power of attorney, ☐ An unexecuted declaration or oath for the utility patent application including a power of								
	c.	= - · · · · ·	pplication (37 CFR 1.63(d), f	for continuation/divisional with No. 17						
			nent attached deleting invento (2) and 1.33(b).	or(s) named in the prior application (see 37						
5.		Application Data Sheet (See 37 CFR 1.76.)								
6.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix).								
7.	⊠	 		applicable, all necessary).						

Accompanying Application Parts:

8.		Assignment Papers (cover sheet, document(s) and requisite fee).												
9.		37 CFR 3.73(b) Statement (where there is an assignee) ☐ Power of Attorney												
10.	□	English Translation document (if applicable)												
11.		Information Disclosure Statement (IDS), including PTO-1449 □ Copies of IDS Citations												
12.	므	Preliminary Amendment												
13.	⊠	Return Postcard for PTO Mail Room Date Stamp (should be specifically itemized).												
14.	므	Certified Copy of Priority Document(s) (if foreign priority is claimed).												
15.		Request and Certification For Nonpublication Under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.												
16.	6. □ Other													
If Continuing Application, check appropriate box and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation-in-part (CIP) of prior application No. filed Prior application information: Examiner: Group/Art Unit: For CONTINUATION or DIVISIONAL Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4c, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Fee Calculation The filing fee has been calculated as shown below:														
						Small E	ntity		Large F	Entity				
Fo	r		No. Filed	No. Allowed	No. Extra	Rate	Fee		Rate	Fee				
Ва	Basic Fee						\$375.00	OR		\$750.00				
То	Total Claims		4	- 20 =		x \$9.00	\$	OR	x \$18.00	\$				
Indep. Claims		ims	4	- 3 =	1	x \$42.00	\$	OR	x \$84.00	\$84.00				
M	ultiple D	Dependen	Claims Prese	ent		+ \$140.00	\$	OR	+ \$280.00	\$				
						TOTAL	\$	OR	TOTAL	\$834.00				
18.	ۃ	A che	ck in the an	nount of \$ <u>834.</u>	00	to cover the	e filing fee is	s encl	osed.					

Please charge my Deposit Account No. 23-0785 in the amount of \$_____.

19. 🛚



- 20.
 ☐ The Commissioner is authorized to charge payment of the following amounts associated with this communication or credit any overpayment to Deposit Account No. 23-0785:
 - Additional filing fees under 37 CFR 1.16 or deficiencies in remittances therefor.
 - Additional processing fees under 37 CFR 1.17 or deficiencies in remittances therefor.
 - ONLY if applicant has partially paid the patent issue fee under 37 C.F.R. §1.18, then the deficiency shall be charged to Deposit Account No. 23-0785, and the Commissioner is authorized to so charge the Deposit Account.
- 21. Correspondence Address:

WOOD, PHILLIPS, KATZ, CLARK & MORTIMER

Citicorp Center, Suite 3800 500 West Madison Street Chicago, Illinois 60661-2511 Telephone: (312) 876-1800 Facsimile: (312) 876-2020

Customer Number (32116) and/or Bar Code Label:

Date: July 30, 2003 Attorney's Signature

Lisa V. Mueller, Reg. No. 38,978

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this Utility Patent Application Transmittal, enclosed application, and any other documents referred to as enclosed herein, are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

Express Mail Label No.: EV360019223US

Date of Deposit: July 30, 2003

Typed/Printed Name of Person Signing: Kim Annel

Signature: